

### **ABSTRACT OF THE DISCLOSURE**

In a computerized method, system and computer program product for patient selection first, using a number of sample data sets that contain medical data describing a patient as well as at least one probability of success and one duration of a medical treatment, a decision tool is created and made available to a computer. The computer is then supplied with an input data set by a user that contains medical data describing a patient. Using the decision tool, the computer determines a corresponding expected output data set that contains at least one expected probability of success and one expected duration of a medical treatment, and makes this available as an output to the user.

CH1\ 4079446.1